U.S. AIR FORCE

Integrity - Service - Excellence

ARMY INSTITUTE OF PUBLIC HEALTH

USAPHC

NAVY MEDICINE

World Class Care...Anytime, Anywhere

Outbreak Reporting

Sponsored by

Navy and Marine Corps Public Health Center

U.S. Army Public Health Command

Air Force School of Aerospace Medicine

Presented on 27 March 2012

by Asha Riegodedios, Staff Epidemiologist, NMCPHC

Objectives

- Outbreak Reporting Requirements
- When to report an outbreak
- How to report an outbreak
- Primary POCs

Reporting Requirements

- Triservice Guidelines
  - Soon to be Updated: Armed Forces Reportable Medical Events Guidelines & Case Definitions
- Navy Regulations
  - NavMed p-117: Manual of the Medical Department
  - BUMED INST 6220.12C: Medical Surveillance and Medical Event Reporting
  - NMCPHC-TM-6220.12: Medical Surveillance and Medical Event Reporting Technical Manual
- Army Regulations
  - DA PAM 40-11: Preventive Medicine
  - AR 40-5: Preventive Medicine
  - MEDCOM OPORD 10-78 (September 2010)
- Air Force Regulations
  - AFI 48-105: Surveillance, Prevention, and Control of Diseases and Conditions of Public Health or Military Significance

When To Report

- What is a reportable outbreak?
  - How many cases?
  - What about typical increases in disease (i.e. seasonal)?
  - No single clear definition – requires judgment
- Any unusual increase in disease incidence should be investigated
- Any surge in illness above baseline can be reportable, even surges that you believe are “expected”
  - i.e. GI illness among recruits following a particular training evolution in the late summer/early fall months

When To Report

- Report an outbreak when an increase in illness leads you to:
  - Identify more cases
  - Seek causes of the illness and/or
  - Institute control measures
- Laboratory confirmation is not required for reporting
- Outbreaks are reportable regardless of whether the etiologic agent is on the reportable disease list
  - i.e. adenovirus outbreak
- When in doubt, report

Report clusters involving:

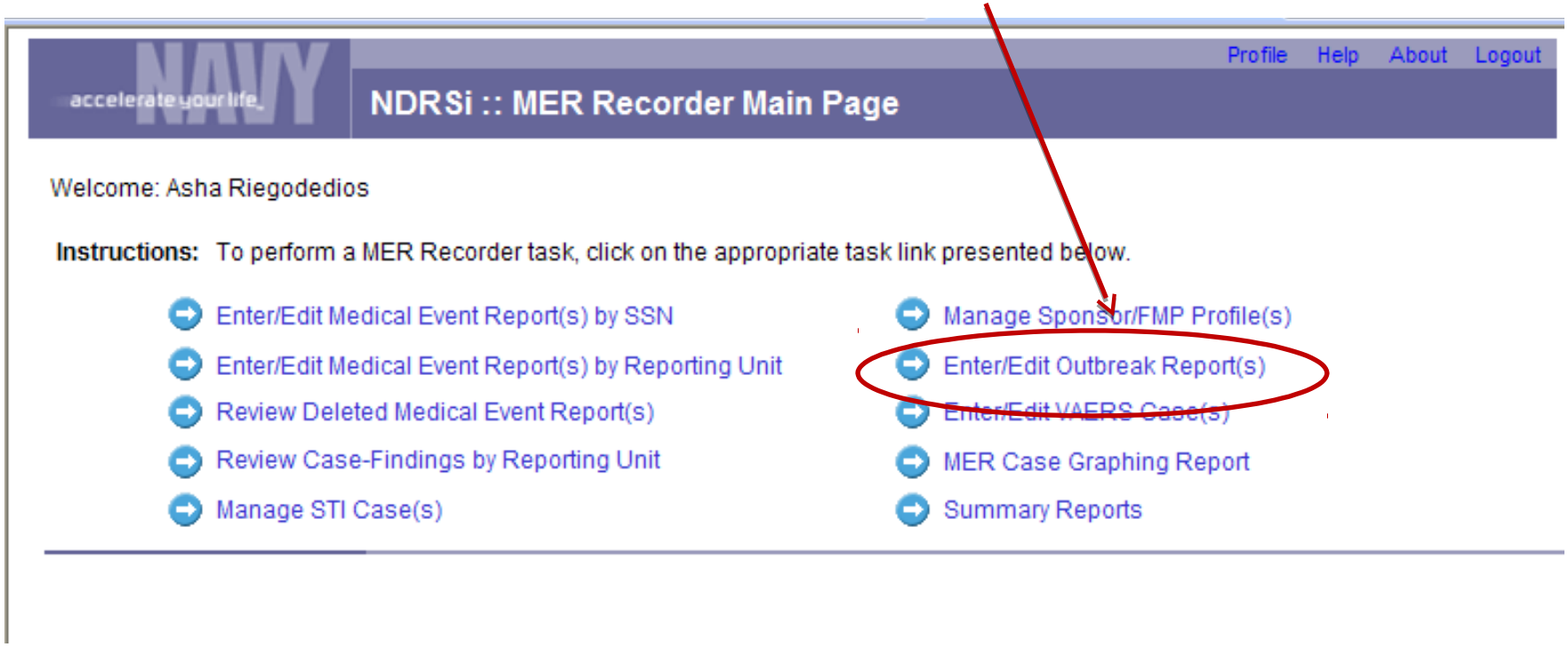
- Severe illnesses
- Rapid rise in cases
- Cases limited to a specific group (demographic, occupational)
- Highly infectious organism requiring rapid implementation of control measures
- Potential to affect mission readiness
- Control measures that are invasive, involve mass prophylaxis, or are resource intensive
- Potential to attract media attention
- Vaccine preventable illnesses in highly vaccinated population

How To Report

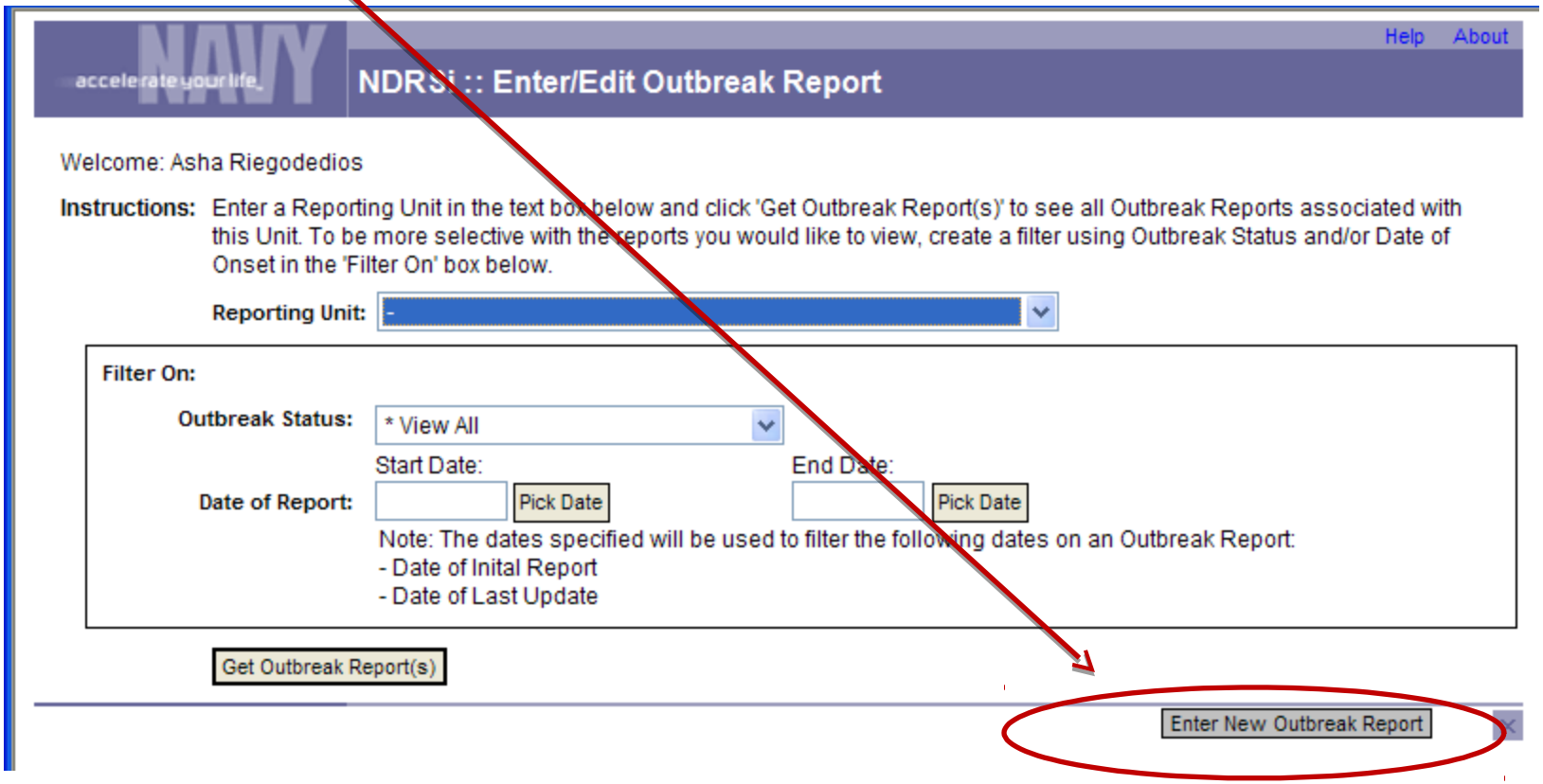
- On-line via DRSi (Navy/Army) and AFRESS (Air Force)
- DRSi: Outbreak Report Module
- AFRESS: “Report New Case” → Select “EPI Event” (Outbreak – 136.9)

How to Report in DRSi

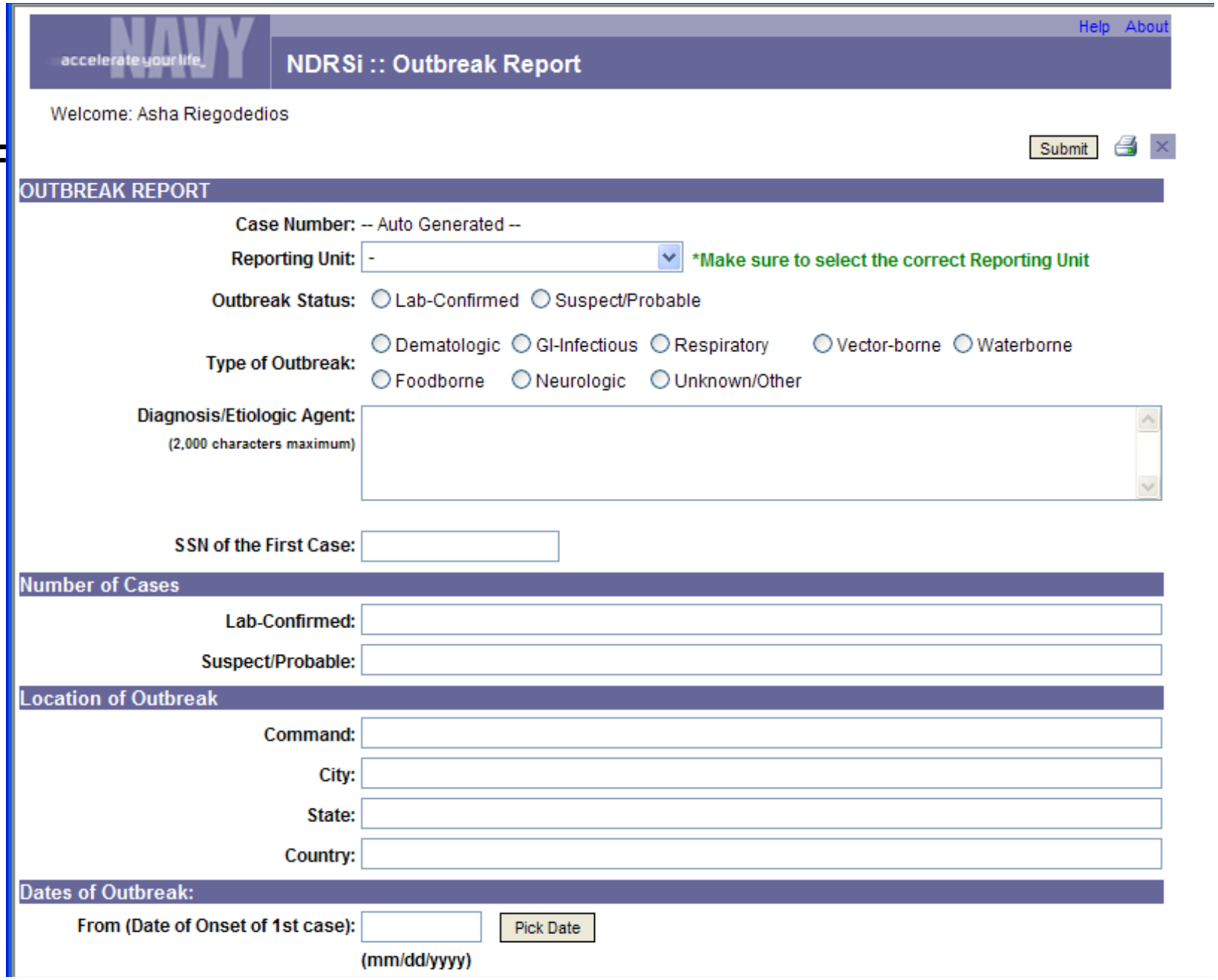
- Once you log in as a MER Recorder, click on "Enter/Edit Outbreak Report(s)"


accelerate your life.
Profile
Help
About
Logout
NDRSi :: MER Recorder Main Page
Welcome: Asha Riegodedios
Instructions: To perform a MER Recorder task, click on the appropriate task link presented below.
Enter/Edit Medical Event Report(s) by SSN
Enter/Edit Medical Event Report(s) by Reporting Unit
Review Deleted Medical Event Report(s)
Review Case-Findings by Reporting Unit
Manage STI Case(s)
Manage Sponsor/FMP Profile(s)
Enter/Edit Outbreak Report(s)
Enter/Edit VAERS Case(s)
MER Case Graphing Report
Summary Reports

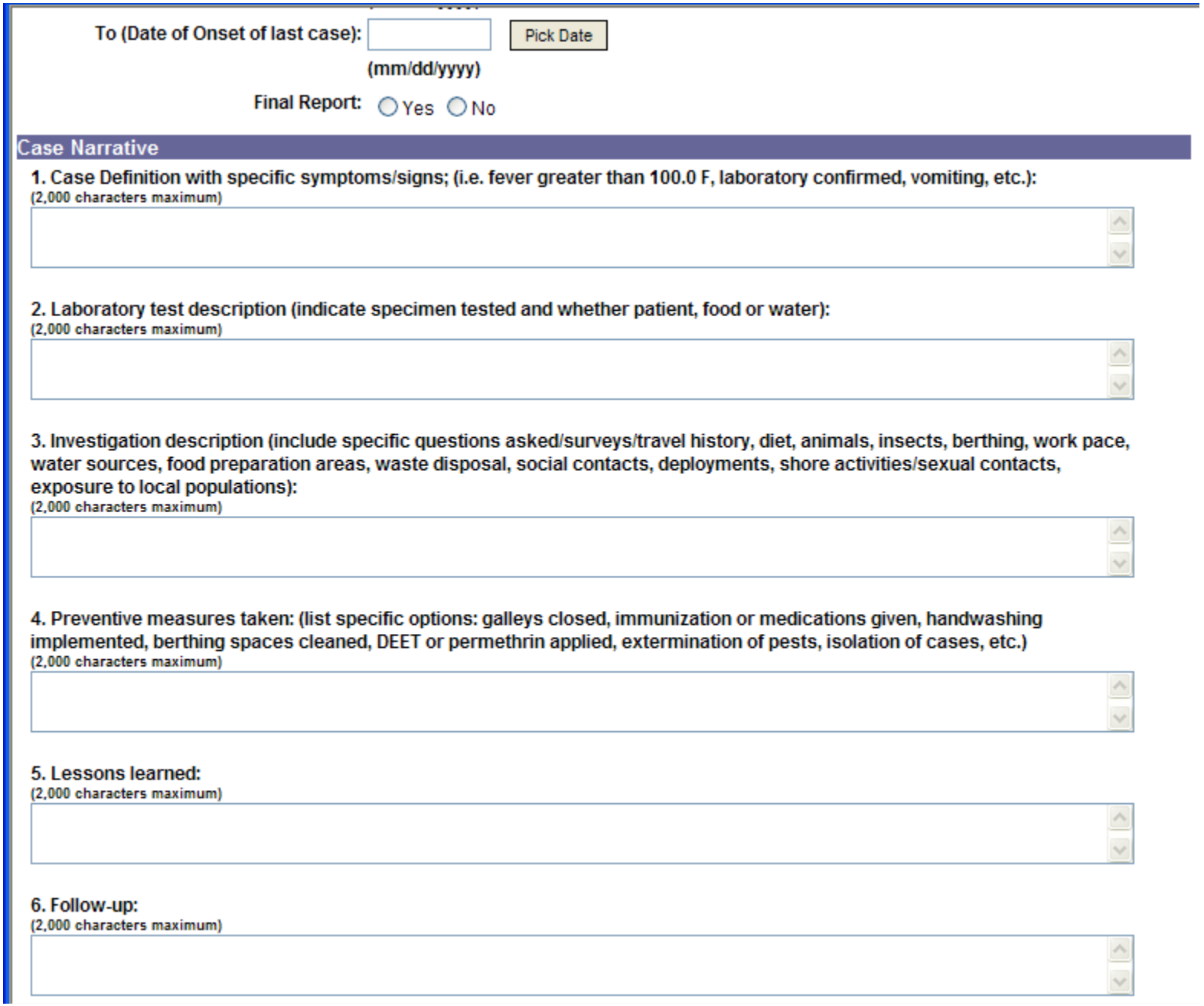
- This brings you to the Outbreak Report Main Page
- You can view and edit previous outbreak reports filed by your reporting unit
  - Input your date filters and click on “Get Outbreak Report(s)”
- Click on “Enter New Outbreak Report” to enter a new report


Help
About
accelerate your life.
NDRSi :: Enter/Edit Outbreak Report
Welcome: Asha Riegodedios
Instructions: Enter a Reporting Unit in the text box below and click 'Get Outbreak Report(s)' to see all Outbreak Reports associated with this Unit. To be more selective with the reports you would like to view, create a filter using Outbreak Status and/or Date of Onset in the 'Filter On' box below.
Reporting Unit:
Filter On:
Outbreak Status:
* View All
Start Date:
End Date:
Date of Report:
Pick Date
Pick Date
Note: The dates specified will be used to filter the following dates on an Outbreak Report:
- Date of Inital Report
- Date of Last Update
Get Outbreak Report(s)
Enter New Outbreak Report

Top of the screen



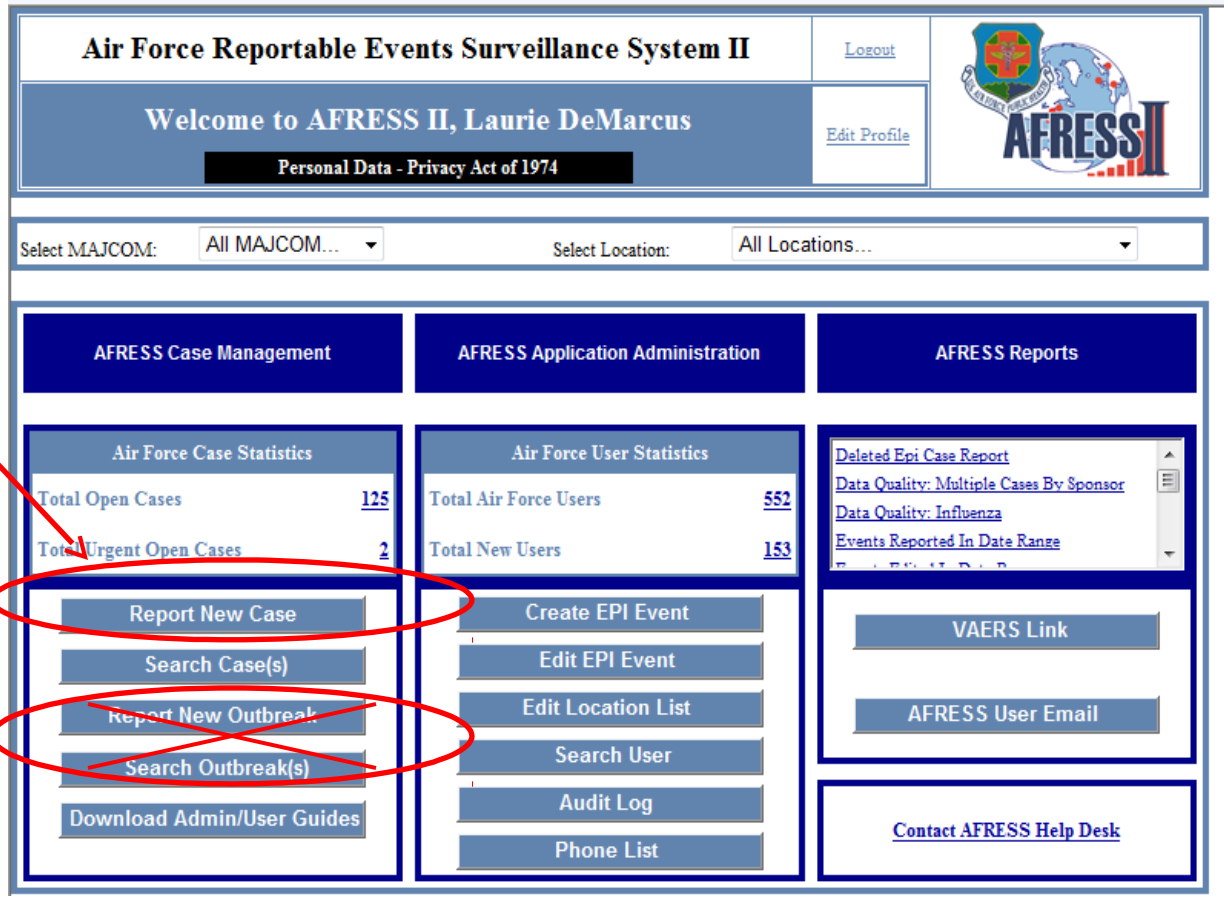
Botto
m of
the
screen


To (Date of Onset of last case):
Pick Date
(mm/dd/yyyy)
Final Report: Yes No
Case Narrative
1. Case Definition with specific symptoms/signs; (i.e. fever greater than 100.0 F, laboratory confirmed, vomiting, etc.):
(2,000 characters maximum)
2. Laboratory test description (indicate specimen tested and whether patient, food or water):
(2,000 characters maximum)
3. Investigation description (include specific questions asked/surveys/travel history, diet, animals, insects, berthing, work pace, water sources, food preparation areas, waste disposal, social contacts, deployments, shore activities/sexual contacts, exposure to local populations):
(2,000 characters maximum)
4. Preventive measures taken: (list specific options: galleys closed, immunization or medications given, handwashing implemented, berthing spaces cleaned, DEET or permethrin applied, extermination of pests, isolation of cases, etc.)
(2,000 characters maximum)
5. Lessons learned:
(2,000 characters maximum)
6. Follow-up:
(2,000 characters maximum)

How to Report in AFRESS

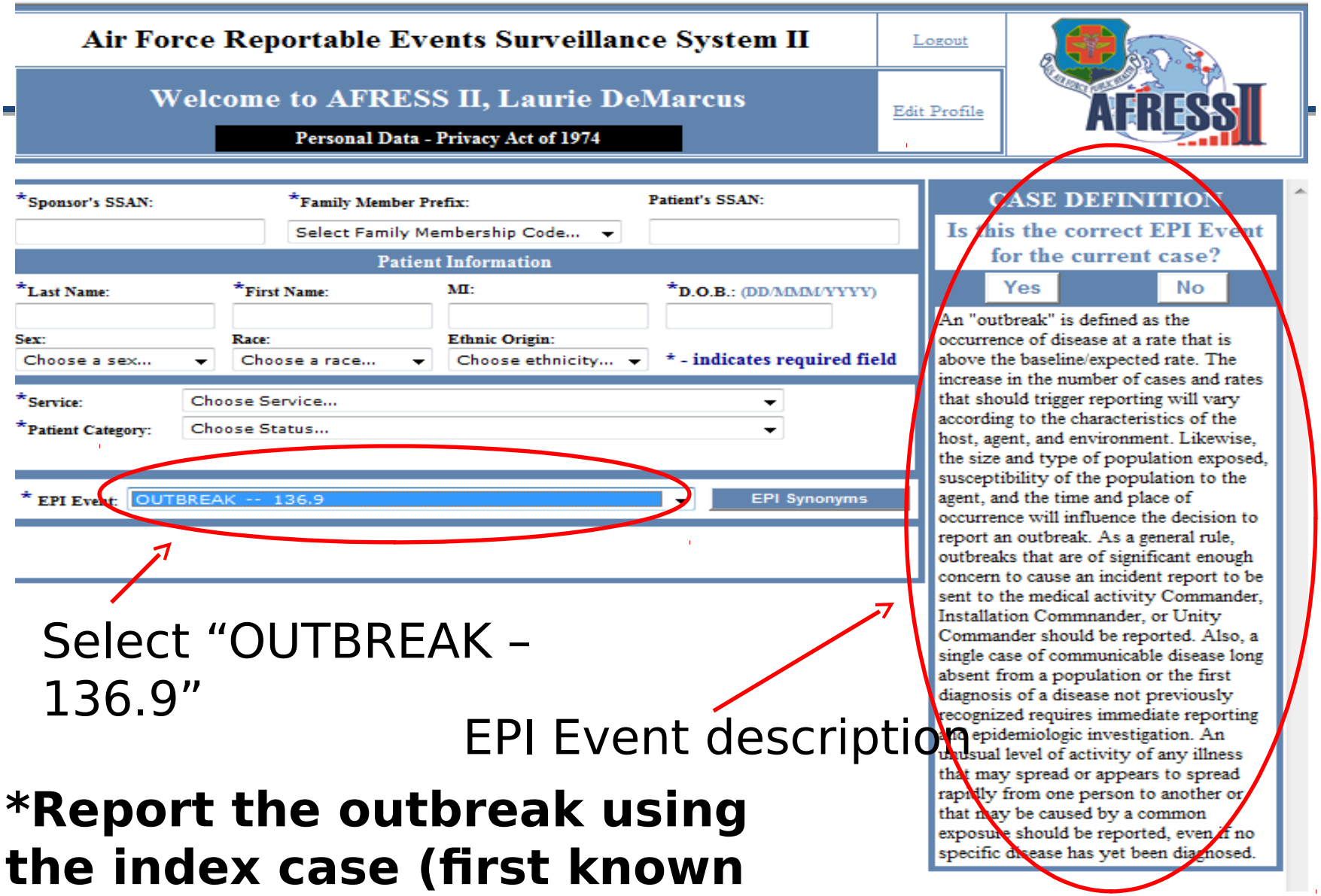
Click on “Report New Case”

“Report New Outbreak” and “Search Outbreak(s)” are currently inoperable



***Future revision of AFRESS will contain an outbreak module, similar to DRSi**

AFRESS


Air Force Reportable Events Surveillance System II
Logout
Welcome to AFRESS II, Laurie DeMarcus
Edit Profile
Personal Data - Privacy Act of 1974
AFRESS II
*Sponsor's SSAN:
*Family Member Prefix:
Select Family Membership Code...
Patient's SSAN:
Patient Information
*Last Name:
*First Name:
MI:
*D.O.B.: (DD/MMM/YYYY)
Sex:
Choose a sex...
Race:
Choose a race...
Ethnic Origin:
Choose ethnicity...
* - indicates required field
*Service:
Choose Service...
*Patient Category:
Choose Status...
* EPI Event:
OUTBREAK -- 136.9
EPI Synonyms
CASE DEFINITION
Is this the correct EPI Event for the current case?
Yes
No
An "outbreak" is defined as the occurrence of disease at a rate that is above the baseline/expected rate. The increase in the number of cases and rates that should trigger reporting will vary according to the characteristics of the host, agent, and environment. Likewise, the size and type of population exposed, susceptibility of the population to the agent, and the time and place of occurrence will influence the decision to report an outbreak. As a general rule, outbreaks that are of significant enough concern to cause an incident report to be sent to the medical activity Commander, Installation Commander, or Unity Commander should be reported. Also, a single case of communicable disease long absent from a population or the first diagnosis of a disease not previously recognized requires immediate reporting and epidemiologic investigation. An unusual level of activity of any illness that may spread or appears to spread rapidly from one person to another or that may be caused by a common exposure should be reported, even if no specific disease has yet been diagnosed.

Select “OUTBREAK – 136.9”

EPI Event description

***Report the outbreak using the index case (first known case)**

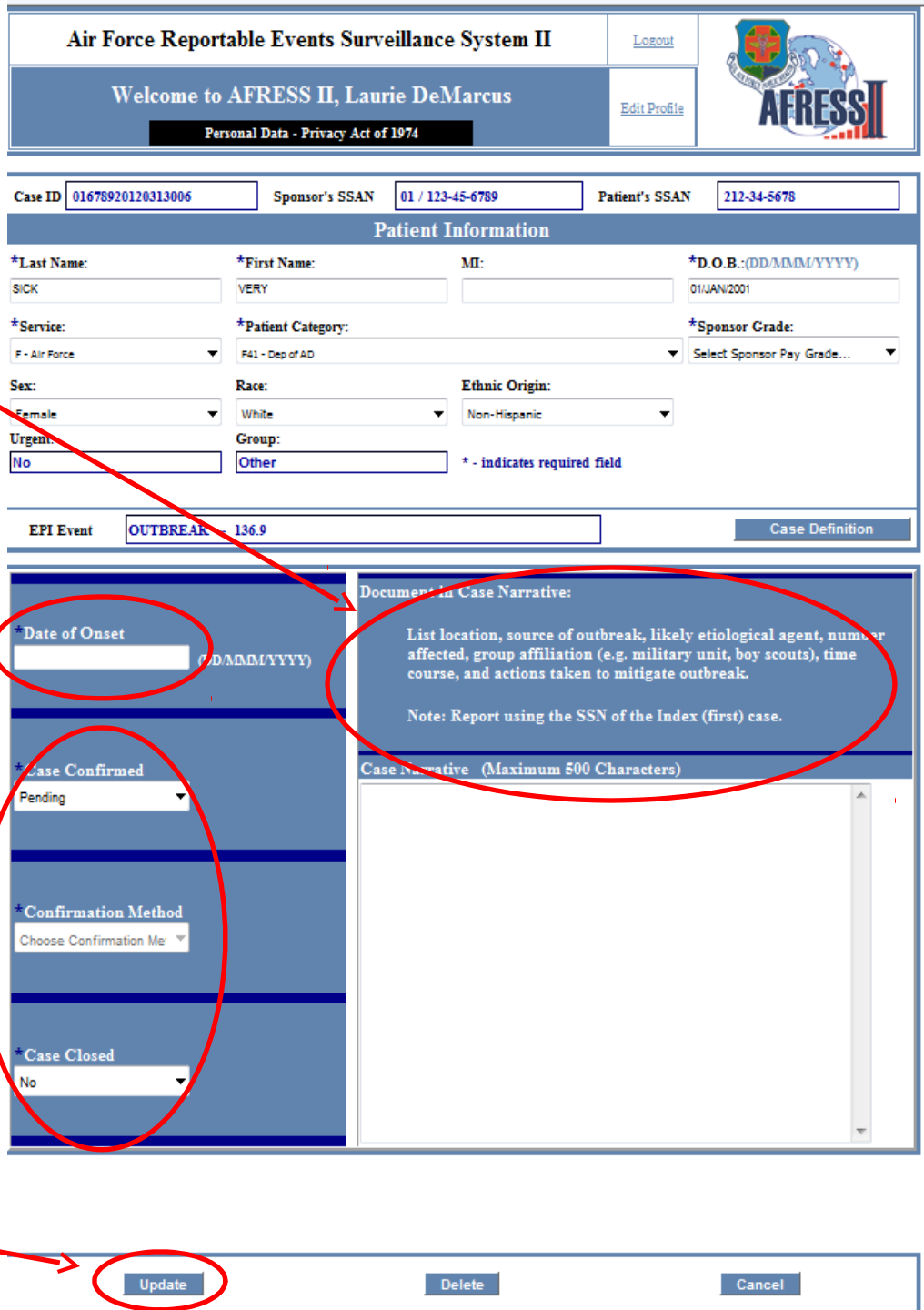
AFRESS

Document important features of the outbreak within 500 characters

Enter date of onset of index case (first known case)

Select an answer from drop down menu

Click “Update” when done



How to Report

- Not all outbreaks require a separate MER for each individual case
  - Check with your Surveillance Hub for guidance
- File an outbreak report as soon you can, then update it regularly
- Phone your Primary Surveillance Hub contacts for any further guidance or assistance
- NOTE: Never contact the CDC without notifying your respective public health command

Primary POCs for Outbreak Support and Consultation

- Navy: Navy Environmental and Preventive Medicine Units (NEPMU)
  - NEPMU2
    - COMM: (757) 950-6600; DSN: (312) 377-6600
    - Email: NEPMU2NorfolkThreatAssessment@med.navy.mil
  - NEPMU5
    - COMM: (619) 556-7070; DSN (312) 526-7070
    - Email: ThreatAssessment@med.navy.mil
  - NEPMU6:
    - COMM: (808) 471-0237; DSN: (315) 471-0237
    - Email: NEPMU6ThreatAssessment@med.navy.mil

Primary POCs for Outbreak Support and Consultation

- Air Force: USAF School of Aerospace Medicine Epidemiology Consult Service (USAFSAM/PHR)
  - Commercial: 937-938-3207
  - DSN: 798-3207
  - Email: episervices@wpafb.af.mil
- Army: U.S. Army Public Health Command – Disease Epidemiology Program
  - COMM: 410-436-7605 or 410-417-2377
  - Email: Disease.epidemiology@amedd.army.mil

Questions

- Next Monthly Training:

April 24, 2012
Topic: TBD